

Allowance for shadows in the scattering of
waves by a statistically uneven surface, by
F. G. Bass, I. M. Fiks, 18 pp.

RUSSEIAN, per, Eliz Vysish Ucheny Zaved, Radiofiz,
Vol VII, No 1, 1964,

JPRS 25168

Sci

Jun 64

261,499

Type AK-10 Turbogenerator Under Steam and
Steamless Conditions, by L. A. Fuks, *Sci. Rep.*

RUSSIAN, per, Elek Stantsii, No 7, 1962,
pp 84-85.

NIL Ref. 9022.09 1963 (2,947)
(Loan)

Sci - Engr
Nov 63

242,335

(NY-649)

Oscillatory Demagnetization of a Core of a
Pulse Transformer, by L. B. Fuks, 16 pp.

RUSSIAN, per, Iz Vysshikh Uchet Zaved,
MVO, Radiotekh, Vol IV, No 5, Sep/Oct 1962.

JPRS 13687

Sci
May 62

194,330

(NY-5231)

Pulse Transformers with a Low Reciprocal of
the Pulse Duty Factor, by L. B. Fuks, 14 pp

RUEBIAN, per, Iz Vysshikh Ucheb Zaved, Ser
Radiotekh, Vol III, No 3, 1960.

JPRS 7380

Sci
Jun 61

156,741

Thermal Calculation of Plate Type Shunts Designed for
Larger Direct Currents, by L.G. Filko, 4 pp.

RUSSIAN, per. Pribozastromeniye, No 3, 1960,
pp 11-13.

Taylor & Francis

Sol
Jan 61

137,272

The Log of Turbine Shafts and nozzles
Tests at High Temperatures, by M. Yu. Fuks,
I. K. Glaznyuk, 10 pp.

RUSSIAN, per, Vest Mashinostroyeniya, Vol XXXI,
No 6, 1955, pp 30-34.

SLA 59-22423

Sci

OTS, Vol III, No 7

133/05

Nov 60

X-Ray Investigation of Effects Accompanying
Prolonged Extension of Steel at Elevated
Temperatures, by M. Ya. Fuks, N. V. Slonovski,
L. I. Lupilov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 6, 1956, pp 671-675.

Columbia Tech

Sci - Physics
Jul 57

49,745

X-Ray Microbeam Investigation of Steel Deformed
at Different Rates at High Temperatures, by M. Ya.
Fuks, L. Ya. Gol'dshtein, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XLIII,
No 5, 1959, pp 629-634.

Columbia Tech Tr

Sci
Aug 60

123 2-6

Röntgenographic Investigation of Deformed Steel
by Means of Micro-beams, Pt II. by M. Ya. Fuks,
L. Ia. Goldshtein, 9 p.

RUSSIAN, per, Fiz Metal i Metallor, Vol ^{VI} IV, No 4,
1958, pp 573-581.
5

Pergamon Press

Sci

112,451

Apr 60

X-Ray Examination of Phenomena Accompanying
Prolonged Tension of Steel at High Temperatures,
by M. Ya. Fuka, N. V. Slonovsky, L. I. Lupilov,
9 pp.

RUSSIAN, per, Fiz Met i Metall., Vol II, No 2,
1956, pp 328-338. *USA 7-1-56*

CAF 2-3-56
CIA/2-350 *47, 185*

Sci - Min/metals
Apr 57 CTB/dex

The Influence of Texture on the Intensity of
Interference Lines in Investigating Large Deformed
Specimens, by M. Ya. Fuks, G. V. Dobrovol'skaya,
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XI,
No 6, 1956, pp 679-683.

Columbia Tech

Sci - Phys
Jul 57

50,703

Evaporation and Droplet Growth in Gaseous
Media, by N. A. Fuks,

RUSSIAN, bk.

*Pergamon Press

Aug 59

On the Steady-State Distribution of the Charges
of Aerosol Particles in a Bipolarly Ionized
Atmosphere, by N. A. Fuks, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 4,
1964, pp 579-586.

Amer Geophys Union

Sci
Aug 64

204,243

Droplet Size Distribution in Dibutyl Phthalate Mists
Prepared by the Nucleus Method, by N. A. Fuks,
A. G. Sutugin, 5 pp.

RUSSIAN, per, Kolloid Zhur SSSR, Vol XXV, No 4, 1963,
pp 487-493.

CB

Sci

Apr 64

256,857

70-13499-07D

Fuks, N. A.

DETERMINATION OF DISTRIBUTION OF AEROSOL
PARTICLES ACCORDING TO SIZE BY DIFFUSION

METHOD. Inzhenerno-Fizicheskii Zhurnal, v. 5, n. 12,

p. 100-103, 1962. AI-TRANS-201.

Order from NTC as 70-13499-07D: HC \$ 6.70, MF \$ 5.80.

(2239-N)

Thermophoresis in an Aerosol Flow, by N. A. Fink,
L. S. Yankovskiy, 5 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol.
CNEX, No 6, 1958, pp 1177-1179.

US EPRS L-627-N

Sci - Chemistry
Feb 59

81, 570

On the Theory of the Evaporation of Small Droplets,
by N. A. Foks, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol. II XXVIII, No 1,
1958, pp 159-162.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 1

Sci - Phys

Sep 58

74, 021

Gas-liquid Chromatography, by N. A. Fuks.

RUSSIAN, no per, Uspekhi Khim, Vol XXV, No 7,
1956, pp 845-858.

Tech. and Comm Tr:
\$110.00

Sci - Chemistry
CTB/dax Jan 1977

42,012

Precipitation of Aerosols $\pm$ on Vertical Surfaces, by
N. A. Fuks.

bk,

RUSSIAN, ~~XXXX~~, Aerosoli v Sel'skom Khozyaystve, 1956.
pp 77-81. 9073232

UCLA

Sci - Chemistry
Dec 60

134,691

Progress in Research on Aerosols and Practical Attain-
ments in this Sphere, by N. A. Fuks, 28 pp.

RUSSIAN, per, Uspekhi Khim., Volume 19, ^{no}(2), 1950,
pp 175-201.

~~51/2687~~

Sci. Museum Lib No 51/2645-London

TP4 3/71B 73854

A-215

FURS, N. A.

Determination of Droplet Size in Oil Fogs,
Kolloid Zhur, USSR, 11, No 4, 288 - 292, 1949.
C. A. 44, 191 (1950). Approx 1000 words;
1 table; 2 figures. Price \$4.00 (\$3.85)

Applied Services
New Jersey

RJ-1P

1
Separation of Ammonia, Methyl, Dimethyl and Trimethylamine by the Method of Distributive Chromatography, by N. A. Fuks, M. A. Rappoport.

RUSSIAN, thrice-mo per, Dok Ak Nauk BSSR, Vol LX, No 7, 1948, pp 1219-1221.

Res Info Sv R/612

53 NASSAU

Scientific - Chemistry

N.Y.

31,053

Feb 56

HERMETIC SEALING OF TUBE PLATES OF STEAM TURBINE
CONDENSERS, BY L. D. BERMAN, S. N. FUKS.

RUSSIAN, PER, ELEK STANTSII, NO 4, 1960, PP 32-36.

NLL N. 3863

SCI - ENGR

NOV 62

217,682

THE RUPTURE OF COOLING TUBES IN STEAM TURBINE
CONDENSERS, BY S. N. FUKS.

RUSSIAN, PER, ELEK STANTSII, NO 7, 1960, PP 20-25.

NLL M. 3860

SCI - ENGR, CHEM

NOV 62

217,605

IMPROVING THE WATER-TIGHTNESS OF STEAM TURBINE
CONDENSERS FOR INSTALLATIONS WITH SUPER-HIGH AND
SUPERCritical STEAM PARAMETERS, BY L. D. BERMAN,
S. N. FUKS.

RUSSIAN, PER, TEPLDENERGETIKA, NO 8, 1958, PP 25-31.

MLL N. 3864

SCI - ENGR

NOV 62

217,683

Mass Exchange in Horizontal Tube Condenser With
Steam Containing Air, by L. D. Berman, S. W. Fuks.

RUSSIAN, per, Teploenergetika, Vol V, No 8,
1958, pp 66-74.

DSIR LLU M.901
(loan)

Sci - Engr

Oct 60

128,905

Radiographic Investigation of Cavitation Erosion
in Metals, D. N. Bol'shutkin, V. V. Gavranek, M.
Ya Fuks, 4 pp

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 5,
1960, pp 722-725

PP

Sci
May 61

15,035

(NY-6165/27-1)

Creation of the CEMA Permanent Commission for
the Peaceful Uses of Atomic Energy, by J. Fuksa,
4 pp.

CZECH, per, Hospodarske Noviny, Vol IV, No 47,
18 Nov 1960, p 3.

JPRS 9707

EEUR - Soviet Bloc

164,065

ECOM

Aug 61

LOCAL PROPERTIES OF CERTAIN APPROXIMATION
OPERATORS, BY A. L. FLEISCHMAN, 3 PP.

DOX AK MARK SIER,

RUSSIAN, PER, ~~RUSSIAN~~ VOL COL 11, NO 3,
1962, PP 776-779.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

SEP 62

209,672

Approximation of Functions of Several
Variables With Preservation of Boundary
Conditions, by A. L. Fuksman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 1050-1053.

Amer Math Soc

Sci

200,883

Jun 62

Manufacture of Ethyl Acetate From Ethanol and Acetal-
dehyde, by R. Fujii, S. Fuku, /.

Japanese Patent 8863, 1956. Ethanol & Acetaldehyde
Vapors are Passed Over Cu, Chromic Oxide, & Alumina
Catalyst at 200-300° C. ~~1956~~

ATS ~~1518~~ JJ-1518

Sci
May 59

87,269

KONISHI, KAMETARO
FUKUCHI, BYOJU

Effect of Actinomyces on the Growth of
Root Nodule Bacteria.

18 Pages

JAPANESE, Japanese Journal of Science of Soil
and Manure, IX, 1, March 1935, 75-82

X-494

Translated at the
National Insts of Health
Bethesda, Md.

Study of the Direct Reduction of Titaniferous
Iron Ores in a Rotary Furnace, by A. Fukuda,
T. Asada.

JIAPANESE, per, Tetsu to Hagane,
Vol XLVII, No 3, 1961, pp 261-263.

HB 3234

Sci - Engr, Min/Met
Jun 62

199.409

On the Pupa of Cupes Clathratus Solsky,
by A. Fukuda.

JAPANESE, per, Transaction Natural History
Society of Formosa, 1939, pp 202-203.

CSIRO

Sci.
Mar 62

Manufacture of Phenothiazyl Ethyl Ammonium
Compounds, by Shigaya Saijo, Fukuda, Chotaro,
4 pp.

JAPANESE, Patent 781, 1958.

SLA 60-14813

186,950

Feb 62

Anatomical Studies of Tobacco Plants. ~~XXXXXXXXXX~~
Dissection of Tobacco Tissue. 1. Development
of the Vascular Bundle in the Tobacco Seedling,
by M. Fukuda.

~~RE~~JAPANESE, per, Hatano Experimental Station
Bulletin, No 39, 1956, pp 59-66.

CSIRO/No 6174

Sci-Agr

Aug 63

341,980

AEC-tr-4482(p.879-903) Uncl.

STUDY ON PLACENTAL TRANSMISSION OF RED BLOOD
CELLS WITH THE USE OF RADIOACTIVE ISOTOPES.
M. Fukuda and K. Tanaka.

C-23 P NSA

*Study on placental transmission of
radioactive isotopes, I. & II*

N-4

FUKUDA, M. Evaluation of manganese dioxide for dry cell
National Tech.Rep. Japan. 3(1):1-11 (1957) (CRL/D. 91

Fukuda, M.

Investigation of Turbidity in the Sea. I. Design
of a Turbidity Meter and Preliminary Observations
by Masaki Fukuda, Naichi Inoue, Satoshi
Nishisawa

JAPANESE, bul, Bulletin of the Faculty of Fisheries,
Hokkaido University, Vol V, No 1, 1954, pp 99-104.

Navy Tr 1425/HD 431

Sci - Geophysics
Dec 56 CTS

41, 213

Aspergillosis in Penguins at Ueno Zoo. I. On Treatment of Emperor Penguins, by T. Koga, N. Fukuda, S. Asakura, 10 pp.

JAPANESE, per, Ueno Dobutsu-en Kenkyu Hokoku (The Scientific Rpt of Ueno Zoo Gardens), No 1, 20 May 1955, pp 23-31.

NIH Tr No 1211

Scientific - Biology

30,831

On Lattice Vibrations in a
Cubic Lattice With Two Kinds of Atoms, by
Y. Shibuya, Y. Fukuda, 9 pp.

HEZ

JAPANESE, per, Busseiron Kenkyu, Vol XXXVII,
1951, pp 160-167. 9689088

DDC RSIC-79

Sci - Phys
Nov 63

244, 024

Lattice Vibration Distribution and Specific
Heat of Bi-Metallic Regular Lattice, by
Y. Shibuya, Y. Fukuda, 5 pp.

HRM

JAPANESE, per, Russeiren Kenkyu, Vol XLI,
1951, pp 17-20. 9689090

DDC RSIC-81

Sci - Phys, M/M
Nov 63

243,499

Enlida, Y., Odera, T., and Minabe, H.
 METHODE DE DETERMINATION DE L'ACTIVITE DU
 BIOXYDE DE MANGANESE POUR PILES SECHES
 (Determination of the Activity of Manganese Dioxide
 for Dry Cells), 6p, CNRS-X 488
 Order from U.S. GPO or CNRS \$6.50 TT-62-28076

Trans. in French of Japanese patent application,
 7750-1956, by Soc. Anonyme de fabrication d'appareils
 Electriques de M. Sushita, filed 21 Dec. 54, pub.
 55Apr. 56.

DESCRIPTION: Dry cells, Manganese compounds,
 Dioxides. *Polarization, Hydrazines, Reduction

(Engineering--Electrical, TT, v. 11, no. 7)

TT-62-28076

- I. Patent Chapin 7750-1956.
- II. Odera, Y.
- III. Odera, T.
- IV. Minabe, H.
- V. CNRS-X 488
- VI. Centre National de la Recherche
 Scientifique, Paris
- VII. Patent Japan pat. 54-7750

Office of Technical Services
 European Translation Center

Fukuda, Y., Ogawa, J., and Tsuji, J.
STUDIES OF THE "CARDIO-TROPIC" ACTION OF
NICOTINE AND CARDIAC PHOSPHATIDE. [1962] 12p.
Order from K-H \$15.00 K-H 3879a

Trans. of Nippon Journal of Anglo-Cardiology, 1953,
v. 17, p. 357-361.

DESCRIPTORS: *Toxicity, *Nicotine, *Heart, Pathology
*Phospholipids,

(Biological Sciences: Pathology: ITT v. 9, no. 2)

62-17961

- I. Fukuda, Y.
- II. Ogawa, J.
- III. Tsuji, J.
- IV. K-H-3879a
- V. Kresge-Hooker Science
Library Associates
Detroit, Mich.

(62-17961)

Office of Technical Services

AEC-tr-4 482(p.1250-3) Uncl.

PATHO-HISTOLOGIC OBSERVATIONS OF VARIOUS MOUSE
ORGANS INTERNALLY RADIATED WITH MINIM Zr^{95} .
R. Z. Fukunda.

C-23 P NSA

Handwritten:
R. Z. Fukunda
Pathologic types

N-3

Identification of Textile Fibres and the
Detection of Mixed Fibres by Infra Red
Absorption Spectra, by H. Sobue,
S. Fukuhara.

JAPANESE, per, Sen-i Gakkaishi, Vol XVIII,
No 2, 1962, pp 121-129.

GB/256/T.141.9

Sci- M/M

Aug 63

342,032

61-16576

Fukuhara, Satsu.

EFFECTS OF WETTING (H₂O) AND AIR-DRYING ON
THE RECRYSTALLIZATION OF AMORPHOUS CELLU-
LOSE FILM AND GEL CELLOPHANE FILM. [1961]

I. Fukuhara, S.

[11]p. 8 refs.

Order from SLA \$1.60

61-16576

Trans. of Kogyo Kagaku Zasshi (Japan) 1960, v. 63,
no. 6, p. 1059-1061.

DESCRIPTORS: *Cellulose. Crystallization. Cellulose
chemistry. *Plastic films.

The following experiments were carried out in order to
study the effects of water and air-drying on the recrystallization of cellulose from the infrared spectra. Water in which gel cellophane was soaked was replaced with D₂O, then this was dried over P₂O₅. This was again moistened with D₂O, and was again dried over P₂O₅.

(Chemistry--Organic; TT v. 6, no. 7)

(over)

Office of Technical Services

Study of the Reaction of Ammonia and Carbon Disulfide
Under Pressure. II. Theoretical Discussion of the
Formation Reaction of Ammonium Thiocyanate, by S.
Kodama, S. Fukushima, K. Fukui, 7 pp.

JAPANESE, per, J Chem Soc Japan Ind Chem Sect, Vol
LVI, pp 396-397, 1953.

SLA 3293

Sci - Chem
Aug 58

70,603

Fukui, Kenichi; Yoneda, Shigeo and others.
**SYNTHESES OF ORGANIC FLUORINE COMPOUNDS
BY THE USE OF POTASSIUM FLUORIDE.** Rept.
no. 8 of Studies on Organic Synthesis Reactions Using
Inorganic Salts. [1963] 13p. 32 refs.
Order from SLA \$1.60

63-16423

Trans. of Kogyo Kagaku Zasshi (Japan) 1962, v. 65,
no. 8, p. 1179-1182.

DESCRIPTORS: *Fluorides, *Potassium compounds,
*Amides, *Glycols, Alkyl radicals, Esters, Solvents,
Butanes, Benzyl radicals, Acetates, Ethyl radicals,
Synthesis (Chemistry).

In the method of synthesizing organic fluorine com-
pounds by the reaction between organic halogen com-
pounds and potassium fluoride, the effects of glycols
and acid amides as solvents of the reaction were com-
pared, and in particular, the relationship between the
(Chemistry--Organic, TT, v. 10, no. 7) (over)

63-16423

I. Fukui, K.
II. Yoneda, S.
III. Title: Studies....

1247293

Office of Technical Services

Study on Caustic Corrosion of Boiler Tube,
Corrosion of Mild Steel in Potassium
Phosphate Solution, by S. Fukui, et al.
JAPANESE, per, Boshoku Gijyuu, Vol 13,
April 1964, pp 15-23.
NII Ref: 9022.09 1965 (4018)

106

Sci-MIN
June 66

301,504

**Report on the Investigation of Floating Balloons
at Sub-Stratosphere, by S. Fukui.**

**JAPANESE, rpt, Aeronautic Research Institute
Tokyo University, Japan, 1960,**

MI/T.483

**Sci-Phys
May 63**

229862

Methods of Obtaining the Stress-Strain Curves of
Ductile Metals for Large Strain Regions, by
Shinji Fukui, Hideaki Kudo, Kiyota Yoshida,
and Kunio Abe.

JAPANESE, ~~various publications~~, Encl to
IR-k 132-55, Japan, 27 Jan 1955, 600th
Air Intel Sv Sq, CIA D-18137.

AF 654139

Complete translation available on request.

Clinical and Histologic Studies on Cases Treated
With Carcinophilin, by Y. Ishii, Y. Sato, T.
Hatori, T. Fukui, 16 pp.

JAPANESE, per, Gann, Vol XLVII, No 3-4, 1956,
pp 360-363.

WIN Tr 4..11

Sci - Med

May 58

, 64, 087

Studies on the ~~of~~ Parasites of Salmonoid Fishes in
Japan, by Tamao Fukui.

JAPANESE, per, Natural Sciences, Vol X, No 1, 1958
pp 581-634

Fisheries Res Board
of Canada, Biological Sta.,
Nanaimo, B. C.
Tr No 405

Sci - Biol.
Feb 63

222,568

V
Ranchnang Coal Mine Investigation Report by
Byusei Ikebe, Yaei Takano, Seiji Fukuji,
Yoichi Nagata, 27 pp.

DESPAC TCUSFO D-145
JAPANESE, Taipei, 3 Dec 1953.

FOA

FE - Taiwan
Economic - Coal
CIA 2104225

Dec 53 CTS/DEX

84.29

A Method of Manufacture of Polyamide from
E-Aminocaprolactam, invented by H. Arita, H.
Torikai and N. Fukuma, 4 pp.

k
JAPANESE, Patent No 1994, 1953. (C. A. 48, p
4883e, 1954.)

~~SECRET~~-1774J

Assoc Tech Serv

Sci

Jul 58

68,421

63-22292

Fukunoto, Goichiro and Hamamoto, Masao.
METHOD OF MAKING GRANULAR COMPOSITE
FERTILIZER CONTAINING TWO COMPONENTS OF
NITROGEN AND POTASSIUM. July 63, 7p.
Order from SA \$16.00 SA Code-P-174

Trans. of published Japanese patent 7564/1962,
cl. 4-D-41 (4-A-24) appl. no. 44007/1960 filed
7 Nov 60, pub. 9 July 62, by Mitsubishi Chemical
Industries, Ltd.

DESCRIPTORS: *Fertilizers, Particles, Production,
*Nitrogen, *Potassium, *Ammonium compounds,
Potassium compounds, Sulfates, Chlorides, *Urea,
*Gypsum.

(Agriculture, TT, v. 10, no. 9)

- I. Fukunoto, G.
- II. Hamamoto, M.
- III. Patent (Japan) pub.
37-7564
- IV. SA Code-P-174
- V. Seizaburo Aoki (Japan)

Office of Technical Services

62-12407

Fukumoto, Osamu.

EQUILIBRIA BETWEEN POLYCAPRAMIDE AND WATER. III. THEORETICAL TREATMENT ON THE DEGREE OF POLYMERIZATION, THE MELT VISCOSITY AND THE SOLUTION VISCOSITY OF MULTI-CHAIN POLYCAPRAMIDE. [[1961] 8p. 3 refs. Order from SA \$15.00 SA Code-47

Trans. of Kobunshi Kagaku (Japan) 1961, v. 18, no. 189, p. 22-25.

DESCRIPTORS: *Lactams, Polymerization, Temperature, *Amides, *Polymers, Water, Chemical equilibrium, Vapor pressure, Viscosity, Theory.

The relationships among the temperature of polymerization, the vapor pressure of water and the number average or weight average degree of polymerization (Chemistry--Organic, TT, v. 7, no. 5) (over)

I. Fukumoto, O.
II. Title: Theoretical. . .
III. SA Code-47
IV. Seizaburo Aoki (Japan)

1950

Office of Technical Services

63-12094

Fukumoto, Osamu.

ON THE KINETICS OF BECKMANN'S REARRANGE-
MENT. Rept. 4 of Studies on the Production of
ε-Caprolactam. Oct 62, 12p. 3 refs.
Order from SA \$19.00

SA Code-GS11

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
no. 7, p. 1285-1289.

DESCRIPTORS: *Lactams, Production, Sulfuric acid,
Cyclohexanones, Oximes, Ionisation, Dehydration,
*Reaction kinetics.

1. Title: Beckmann's
rearrangement
- I. Fukumoto, O.
- II. Title: Studies...
- III. SA Code-GS11
- IV. Setzaburo Akai (Japan)

1289956

(Chemistry--Physical, TT, v. 9, no. 1)

Office of Technical Services

62-34478

Fukumoto, Osamu.

A CONTINUOUS MANUFACTURING PROCESS OF

E-CAPROLACTAM. Oct 62, 5p.

Order from SA \$15.00

SA Code-P46

Trans. of published Japanese patent 24069/1961,
23 Dec 61, cl. 16-B-65 (16-E-5), appl. no. 6709/1958,
13 Mar 58, by Toyo Rayon Co.

DESCRIPTORS: *Organic compounds, Manufacturing
methods, Sulfuric acid, *Cyclohexanones, *Lactams.

(Engineering--Chemical, TT, v. 8, no. 12)

- I. Title: Caprolactams
- I. Fukumoto, O.
- II. Patent (Japan) pub. 36-24069
- III. SA Code-P46
- IV. Seizaburo Aoki (Japan)

62-34478

Office of Technical Services

Fukumoto, Osamu.

ON THE IMPURITIES CONTAINED IN ϵ -CAPROLACTAM. Rept. no. 5 of Studies on the Production of ϵ -Caprolactam. Oct 62, 9p. 5 refs.
Order from SA \$18.00 SA Code-G610

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64, no. 9, p. 1668-1670.

DESCRIPTORS: *Lactams, Production, Impurities, Anilines, Ammonium radicals, Acetates, Nitrobenzenes.

62-34499

- I. Title: Caprolactams
- I. Fukumoto, O.
- II. Title: Studies ...
- III. SA Code-G610
- IV. Synthesis (Acetates)

100411

(Chemistry--Organic, TT, v. 8, no. 12)

Office of Technical Services

62-12405

Fukumoto, Osamu.

ON THE CONTINUOUS METHOD OF HYDROXYL-
AMINE PREPARATION. Studies on the Production of
E-Caprolactam, no. 1. [1961] 7p. 2 refs.

Order from SA \$15.00

SA Code-38

I. Fukumoto, O.
II. Title: On . . .
III. SA Code-38
IV. Seizaburo Aski (Japan)

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1961, v. 64,
no. 6, p. 1118-1121.

DESCRIPTORS: *Lactams, Production, *Amines,
*Hydroxides, Preparation, Chemical reactions.

195026

(Chemistry--Organic, TT, v. 7, no. 5)

Office of Technical Services

Study of the Reaction of Ammonia and Carbon Disulfide
Under Pressure. II. Theoretical Discussion of the
Formation Reaction of Ammonium Thiocyanate, by S.
Kodama, S. Fukuehima, K. Fukui, 7 pp.

JAPANESE, per, J Chem Soc Japan Ind Chem Sect, Vol
LVI, pp 396-397, 1953.

SLA 3293

Sci - Chem
Aug 58

70,603

Fukushima, T., Shimomura, K., and Oyama, S.
PATHOLOGICAL ANATOMY OF A FOWL PLAGUE
IN KOREA CAUSED BY A FILTERABLE VIRUS
(Pathologische Anatomie der durch ein Filtrierbares
Virus Verursachten Hühnerseuche in Korea). [1963]
14p. 9 refs.
Order from SLA \$1.60

63-14853

Trans. of [Nihon Jui Gakkai Zasshi] (Japan) 1932,
v. 9, p. 302-316.

DESCRIPTORS: *Birds, Diseases, Korea, *Viruses,
Anatomy, Diagnosis, *Plague.

(Agriculture--Animal Husbandry, TT, v. 10, no. 5)

63-14853

- I. Fukushima, T.
- II. Shimomura, K.
- III. Oyama, S.

1242748

Office of Technical Services

(DC-6103)

Diversified Management and Merging of Enterprises
in Communist China, by Fukushima Yutaka, 10 pp.

JAPANESE, per, Asia Keizai Junpo, No 462,
21 Mar 1961, pp 1-10.

JPRS 8910

ASIA - China

Econ

Oct 61

169, 139

Changes in situation, by Fukuhara Tokoku. 1 p.

JAPANESE, per, Ajia Keizai Junpo. No. 170.
21 Jul 1961, pp 13-19.

JPRS 10424

ASIA - Japan

175,000

Recd-

Box 61

(SF-1523)

Cooperation Between Plants and Rural Communes in China,
by Fukushima Yutaka, 9 pp.

JAPANESE, per, Ajia Keizai Jumbo, No 452, 10 Dec 1960,
pp 1-10.

JPRS 4476

FE - China

Econ

Apr 61

143,378

{FDD 22211}

Speaking for the Science Council of Japan,
by Fukushima Yoichi, 4 pp.

JAPANESE, d np, Asahi Shimbun, Tokyo, 26 Nov
1953, p 3.

CIA/FDD/U-6521

FE - Japan

Sci - Miscellaneous, organization

13,914

(SF-2251)

QUALITATIVE DEVELOPMENT OF LIGHT INDUSTRY IN
COMMUNIST CHINA, BY FUKUSHIMA YUTAKA, 17 PP

JAPANESE, PER, AJIA KEIZAI JUMPO, NO 498,
21 MAR 1962, PP 1-9.

JPRS 14127

ASIA 4 CHINA
ECON
JUN 62

199,987

AUG 10

E
Germicides for Agricultural Uses, Masao Nagasawa,
Fukutaro Yamamoto, Masao Fukada, Inventors, 6 pp.

JAPANESE, Patent 3998, 26 July 1957.

CIA/WHO XZ-990
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem
Mar 59

USIS INTERNAL USE ONLY

82,380

Some Measurements of the Wind-Pressure Drift of Sea
Ice (Study of Sea-Ice, 12th Report), by Takaharu
Mikutomi, et al.

JAPANESE, per, Low Temperature Science, No 6, 1951,
p 85-93.

Navy Tr 1347/EO 376

Scientific - Geophysics
Jul 56 CTS/dex

36,380

On the Form and Formation of Hummocky Ice Ranges,
by Takaharu Fukutomi, Kou Kusunoki.

JAPANESE, per, Low Temperature Science, No 8,
1951, p 59-88.

Navy Tr 1349/NO 381

Scientific - Geophysics
Jul 56 CTS/dex

36,383

Survey of Sea Ice on the Okhotsk Sea Coast of
Hokkaido, by Takaharu Fukutomi, et al.

JAPANESE, per, Low Temperature Science, Series A
(Physical Sciences), No 13, 1954, p 59-102.

Navy Tr 1348/HN 382

Scientific - Geophysics
Jul 56 CTS/dex

36,381

A Theoretical Study on the Steady Drift of Ice
Due to Wind in the Sea of Small Ice-Amount, (Study
of Sea-Ice, 13th Report), by Teisharu Fukutomi.

JAPANESE, per, Low Temperature Science, No 7, 1951,
p 11-22.

Navy Tr 1345/EO 377

Scientific - Geophysics
Jul 56 CTS/dex

36,382

Study of Sea Ice (20th Report), by Takaharu
Fukutomi, 14 pp.

JAPANESE, Low Temperature Science, Vol XI, 1953,
Encl to 6004th AISS, IR 748-55, 23 May 1955.
CIA D 243324

AF 670122

FE - Japan

Scientific - Geophysics, oceanography

26,696

Study of Sea Ice, by Takaharu Fukutomi, 11 pp.
UNCLASSIFIED

JAPANESE, rpt, Hokkaido University, Encl to
Report No IN-130-55, 604th Air Intel Sv Sq,
7 Feb 1955. CIA D 190633

AF 656244

Scientific - Geophysics May 55 CTS/DEX

23,662

A Study of Sea Ice, by Takaharu Fukutomi,
6 pp. UNCLASSIFIED (File)

JAPANESE, per, Low Temperature Science,
Vol XI, Encl to Rpt IR-747-55, 6004th Air
Intel Sv Sq, 1953. CIA D 257886

AF 670293

Scientific - Geophysics
CTS 71/AUG 1955

26,245

Study of Sea Ice, by Takaharu Fukutomi,
Mitsu Saito, Yoshio Kudo, 11 pp.

UNCLASSIFIED

JAPANESE, ~~REX~~ per, Low Temperature Science,
V 1 IX, 1952, Encl to Report No IR-265-55,
2 Mar 1955. CIA D 209762

AF 66136

25,202

Scientific - Geophysics

Jul 55 OTS/DEX

Temperature Distribution in Fresh-Water Ice-Plate
With Cyclic Variation of Atmospheric Temperature,
by Takaharu Fukutomi, Kou Kusunoki, 7 pp.

JAPANESE, per, Teion Kagaku, Vol. III, 1947, pp 187-192.
CIA D 482377.

DEF Sci Info Sv
DRB, Canada
T-55 ~~48~~ J

34,470

Sci - Geophysics

May 1956

Fukuyama, I.

EIGENSCHAPPEN VAN AMMONIUMNITRAAT, 2
(The Properties of Ammonium Nitrate II). 22p
MTWL-1122.

Order from OTS or ETC \$0.85 63-26207

Trans. in Dutch of Kogyo Kayaku Kyokaiishi (Japan)
1955, v. 16, p. 218-228.

DESCRIPTORS: *Ammonium compounds, *Nitrates,
Adsorption, Water, Phase studies.

(Chemistry--Inorganic, TT, v. 10, no. 10)

63-26207

- I. Fukuyama, I.
- II. MTWL-1122
- III. Stichting voor Moettijk
Toegankelijke Wetens-
chappelijke Literatuur
(The Netherlands)

Office of Technical Services

63-26205

Fukuyama, I.
EIGENSCHAPPEN VAN AMMONIUMNITRAAT, 3
(The Properties of Ammonium Nitrate III). 14p.
MTWL-1118.
Order from: OTS or ETC \$0.80 63-26205

Trans. in Dutch of Kogyo Kayaku Kyokai (Japan)
n.d.

DESCRIPTORS: *Ammonium compounds, *Nitrates,
Molecular properties, Hardening, Adsorption, Surface
properties, Water.

(See also 63-26207)

(Chemistry--Inorganic, TT, v. 10, no. 10)

I. Fukuyama, I.
II. MTWL-1118
III. Stichting voor Moedelijk
Tongankelijke Wetens-
chappelijke Literatuur
(Netherlands)

Office of Technical Services

Sensitive Ammonium Nitrate, by I. Fukuyama.

JAPANESE, per, J Indus Explosives Society,
Vol XVIII, No 1, 1957, pp 64-66.

Assoc Tech Serv JJ-1456
" " " 82J17J

Sci - Chem

Apr 59

85,328

The Vibration of Thin Plate Shaped Quartz Oscillators (With Special Reference to the R1 Cut Rectangular Plate), by I. Koga, H. Fukuyo, 35 pp.

JAPANESE, per, J. Inst Elec Commun Eng Japan,
Vol XXXVI, No 2, Feb 1953, pp 59-67.

SLA Tr 57-1008

Sci - Electricity

52,378

Sep 57

Isolation and Structure of the Eicosenoic, Decosenoic,
Octadecatetraenoic, Eicosapentaenoic and Decosahexaenoic
Acid in Skipper Oil, by Suketaka Ito, Kazuo Fukuzumi.
JAPANESE, per, Yukagaku, Vol XII, No 5, 1963, pp 24-29.

Fisheries Res Board
Canada, Halifax Station

Sci - Biol

Mar 64

251,172

18

The Compositions of the Component Fatty Acids of
Several Fish Oils, by Saketaka, Kameo Fukunaga,
JAPANESE, per, Yakuzoku, Vol XII, No 5, 1963,
pp 278-281.

Fisheries Research Board
Canada, Halifax Station

Sci - Chem
Mar 64

252,188

On the Origin of Erythrocytes of Amphibian Larvae, by
H. Fukuda.

JAPANESE, ^{bu} per, D~~o~~tsugaku Zasshi, Vol LX, 1951, pp
74-78.

INSDOC-T1 851

Sci

Aug 58

71, 125

Contribution to the knowledge of the Bayer process,
by G. Bauermeister, W. Fulda, 6 pp.

GERMAN, per, Aluminium, p March 1943, pp 97-100.

S.L.A. Tr 969

Sci - Mineral/Metals

33,020

Apr 56